



gca ttt ata ctc ttc aag gag agt gac gct aat ccg gcc aat agc act Ala Phe Ile Leu Phe Lys Ser Asp Ala Asn Pro Ala Asn Ser Thr 105 110 115	392
gag aag cgc ttc tgg atg cgt ttc aga agg ggc aag aac cac agt tac Glu Lys Arg Phe Trp Met Arg Phe Arg Arg Gly Lys Asn His Ser Tyr 120 125 130	440
ttc cac gac tta gtc ttc aat ctg ctg gag aag aac gtg act cgc gac Phe His Asp Leu Val Phe Asn Leu Leu Glu Lys Asn Val Thr Arg Asp 135 140 145 150	488
gcg gat gct act gac att gag aac ttt gcg tcc agg tac ctg tac atg Ala Asp Ala Thr Asp Ile Glu Asn Phe Ala Ser Arg Tyr Leu Tyr Met 155 160 165	536
gcc acg ctt tac tac aag acg tac acg aat gtt gat gag ttc ggt gct Ala Thr Leu Tyr Tyr Lys Thr Tyr Asn Val Asp Glu Phe Gly Ala 170 175 180	584
agc ttc ttt aac aag ttg tct ttc act act ggg ttg ttc ggc tgg ggc Ser Phe Phe Asn Lys Leu Ser Phe Thr Thr Gly Leu Phe Gly Trp Gly 185 190 195	632
atc aag agg gca ctt aag cag att att cgc tct aac ctg ccc ctt gac Ile Lys Arg Ala Leu Lys Gln Ile Arg Ser Asn Leu Pro Leu Asp 200 205 210	680
atc ggg aca gaa cac acg gtc agt cgc ctg cag cac att acg agc agt Ile Gly Thr Glu His Ser Val Ser Arg Leu Gln His Ile Thr Ser Ser 215 220 225 230	728
tac aag gat tac atg gat acg cag att cct gca ctg ccc aag ttt gcg Tyr Lys Asp Tyr Met Asp Thr Gln Ile Pro Ala Leu Pro Lys Phe Ala 235 240 245	776
aag cgt ttc tcc ctt atg gta gtg cag agg ctg ctg gcc acc gtg gct Lys Arg Phe Ser Leu Met Val Val Gln Arg Leu Leu Ala Thr Val Ala 250 255 260	824
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aac ttt atg gtg aac agg gtg ttc att cct aca aag aag ttc ttc aat Asn Phe Met Val Asn Arg Val Phe Ile Pro Thr Lys Lys Phe Phe Asn 280 285 290	920
aag gaa att cgt gag cct agt aag gca tta aaa gaa aag gtg tca acc Lys Glu Ile Arg Glu Pro Ser Lys Ala Leu Lys Glu Lys Val Ser Thr 295 300 305 310	968
gac acc aag gat tta ttc gag aac aaa att ggg cag ggt act gtg gac Asp Thr Lys Asp Leu Phe Glu Asn Lys Ile Gly Gln Gly Thr Val Asp 315 320 325	1016

ttc ttc aat aag gaa att cgt gac cct agt aag gca tta aaa gaa aaa Phe Phe Asn Lys Glu Ile Arg Asp Pro Ser Lys Ala Leu Lys Glu Lys	330	335	340	1064	
gtg tca aac gac gcc aag gat tta ttc gag aac aaa att ggg cag ggt Val Ser Asn Asp Ala Lys Asp Leu Phe Glu Asn Lys Ile Gly Gln Gly	345	350	355	1112	
act gtg gac ttc atc aat aac gaa att cgt gac cct agt aag gca tta Thr Val Asp Phe Ile Asn Asn Glu Ile Arg Asp Pro Ser Lys Ala Leu	360	365	370	1160	
ata aga aaa gtg tca acg ggg gcc gag gat tta ttc gag aac aaa att Ile Arg Lys Val Ser Thr Gly Ala Glu Asp Leu Phe Glu Asn Lys Ile	375	380	385	390	1208
ggg cag ggt act gtg gac ttc atc aat aac gaa att cgt gac cct agt Gly Gln Gly Thr Val Asp Phe Ile Asn Asn Glu Ile Arg Asp Pro Ser	395	400	405	1256	
aag gca tta ata aga aaa gtg tac acc gag gcc gat gat tta ttc gag Lys Ala Leu Ile Arg Lys Val Tyr Thr Glu Ala Asp Asp Leu Phe Glu	410	415	420	1304	
aac aaa att ggg cag ggt act gtg gac ttc atc aat aag gaa att cgt Asn Lys Ile Gly Gln Gly Thr Val Asp Phe Ile Asn Lys Glu Ile Arg	425	430	435	1352	
gac cct agt aag gca tta ata aga aaa gtg tct acc gag gcc gat aat Asp Pro Ser Lys Ala Leu Ile Arg Lys Val Ser Thr Glu Ala Asp Asn	440	445	450	1400	
tta ttg gag aaa taggttgcga agccctgag gaagcaccgc aaggccaacg Leu Leu Glu Lys	455			1452	
ttagtgacag cggggaatct gaggaaattt cggctgtgg tgaatctttg gaatccgaca				1512	
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